| <br> | Claims |  |
|------|--------|--|
|      |        |  |

| Application No. | Applicant(s)      |
|-----------------|-------------------|
| 09/954,947      | STEININGER ET AL. |
| Examiner        | Art Unit          |
| William Jung    | 3737              |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |  |
|---|----------|--|
| 0 | Objected |  |

|          | ŧ  | L                                     |              |  | -  |          |  |          |          |              | _                 |
|----------|--|---------------------------------------|--------------|--|--|----------|--|----------|----------|--------------|-------------------|
| Cla      | im   |                                       |              |  |  | ate      | •  |          |          |              |                   |
| Final    |  | 11/15/04                              |              |  |  |          |  |          |          |              |                   |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7  | 1                                     |              |  |  |          |  |          |          |              |                   |
|          | 2  |                                       |              |  |  |          |  |          | _        |              |                   |
|          | 3  | V                                     |              |  |  |          |  |          | _        |              |                   |
|          | 4  | V                                     |              |  |  |          |  | _        |          |              |                   |
|          | 5  | 1                                     |              |  |  |          | •  |          |          |              |                   |
|          | 6  | V                                     |              |  |  |          |  | _        |          |              | 1                 |
| <u> </u> |  | 1                                     |              |  |  |          |  |          | $\dashv$ |              |                   |
| ļ        | 8  | V                                     |              |  |  |          |  | $\dashv$ | $\dashv$ | _            |                   |
| <u> </u> | 9  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | -            |  |  |          |  |          | -        |              |                   |
| -        | 11   | J                                     | _            |  |  |          |  | $\dashv$ |          | _            |                   |
|          | 12   | J                                     |              |  |  |          |  |          |          | _            | 94                |
|          | 13   | 1                                     |              |  |  |          |  |          |          |              | 10                |
| -        | 14   | V                                     |              |  |  |          |  |          | Ť        |              |                   |
|          | 15   | 1                                     |              |  |  |          |  |          |          |              |                   |
|          | 16   | 1                                     |              |  |  |          |  |          | 一        |              | 100<br>100<br>100 |
|          | 17   | V                                     |              |  |  |          |  |          |          |              | 8                 |
|          | 18   | V                                     |              |  |  |          |  |          |          |              | į,                |
|          | 19   | V                                     |              |  |  |          |  |          |          |              | ľ                 |
|          | 20   | V                                     |              |  |  |          |  |          |          |              |                   |
|          | 21   | V                                     | ļ            |  |  |          |  |          |          |              |                   |
|          | 22   | <u> </u>                              |              | ļ  |  |          |  |          |          |              | ļ                 |
|          | 23   | 1                                     |              | <u> </u>   |  | _        |  | _        |          |              | ļ                 |
| -        | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 | ٧                                     |              | ļ  | <u> </u>   | ļ        | <u> </u>   |          |          |              | -                 |
|          | 25   | ├                                     |              | -  | _  | -        | -  |          |          |              | 1                 |
|          | 26<br>27   |                                       |              | ├  |  |          |  |          |          |              | 1                 |
|          | 28   | ┼─                                    |              | ╁┈   | -  |          | ├─   |          |          |              | ł                 |
|          | 29   | $\vdash$                              | <del> </del> | ╁  |  |          | $\vdash$   |          |          |              | 1                 |
|          | 30   |                                       | -            | <del> </del>                                     |  |          | <u> </u>   |          |          |              |                   |
|          | 31   | ╁┈┈                                   |              | 1  | <del>                                     </del> | ļ —      | <b> </b>   |          |          |              | 1                 |
|          | 32   | †                                     |              | <del>                                     </del> |  | 1        |  |          |          |              | 1                 |
|          | 33   |                                       |              |  |  |          | 1  |          |          |              | 1                 |
|          | 34   |                                       |              |  |  |          |  |          |          |              |                   |
|          | 35   |                                       |              |  |  |          |  |          |          |              |                   |
|          | 36   |                                       | _            |  |  | L_       | L  |          |          |              |                   |
|          | 37   | <u> </u>                              | <u> </u>     | ļ  |  | ļ        | ١  | _        |          |              |                   |
| <u> </u> | 38   | ↓_                                    | <u> </u>     | -  | <u> </u>   | <b> </b> | (4)  | <u> </u> |          |              | - 3               |
|          | 39   | -                                     | -            | -  |  | ├        | <u> </u>   | _        |          | -            | -                 |
|          | 40   | -                                     | -            | ╁  | -  | -        | <b>├</b> ┈                                       | -        | -        | -            | -                 |
|          | 41   | +-                                    | <del> </del> | -  | ┢  | ┼┈       | +  | ├—       |          | <del> </del> | <u> </u> :        |
|          | 42   | ╁                                     | -            | ╂  |  | +        | $\vdash$   | ┢╌       |          | $\vdash$     | -<br>-<br>-       |
|          | 44   | +                                     | ╁            | $\vdash$   |  | ╂═       | +  | -        |          | -            | 1                 |
|          | 45   | +                                     | +            | 1  | T  | +        | $\top$   | $\vdash$ |          |              | 1.                |
|          | 46   | $\dagger$                             | +            |  | †-   | T        | $\dagger$  | †        | T -      | -            | 1                 |
|          | 47   |                                       | 1            | -  | <del>                                     </del> | T        | <del>                                     </del> |          |          | Γ            | 7                 |
|          | 48   | 1                                     |              | 1  | 1  | 1        | T  | L        |          |              | ]                 |
|          | 49   |                                       |              | 1  |  |          |  |          |          |              | ]                 |
|          |  |                                       | Τ.           | T  |  | $\Gamma$ | Τ  | 1 -      | 1        | 1            | ł                 |

| Γ   | Cla      | im                   |              |                                       |  | ſ  | Date   | <u>ڊ</u>     |              |              |              |
|-----|----------|----------------------|--------------|---------------------------------------|--|--|--|--------------|--------------|--------------|--------------|
| ŀ   |          |                      |              |                                       |  |  |  | <u> </u>     | T            |              |              |
| l   | _        | Original             |              |                                       |  |  |  |              |              |              |              |
| ١   | Final    | Ξġ                   |              |                                       |  | 1  | ×  |              |              |              |              |
| l   | ╙        | ŏΙ                   |              |                                       |  |  |  |              | 1            |              |              |
| Ļ   |          | 1                    |              |                                       |  | <u> </u>   |  |              |              |              | $\dashv$     |
| Ł   |          | 51                   |              |                                       |  |  | L.   |              | _            |              | _            |
| Ĺ   |          | 52                   |              | <u> </u>                              |  |  |  |              |              | _            |              |
|     |          | 53                   |              |                                       |  |  |  |              |              |              |              |
| ſ   |          | 54                   |              |                                       |  |  |  |              |              |              |              |
|     |          | 55                   |              |                                       |  |  |  |              |              |              |              |
| T   |          | 56                   |              |                                       |  |  |  |              |              |              |              |
| t   |          | 57                   |              |                                       |  |  |  |              |              |              |              |
|     |          | 58                   |              |                                       |  |  |  |              |              |              | $\neg$       |
| t   |          | 59                   |              |                                       |  |  |  |              |              | -            |              |
| ŀ   | ,        | 60                   |              |                                       | -  |  |  |              |              | _            | $\neg$       |
| 1   |          | 61                   |              |                                       |  | <del> </del>                                     |  |              |              |              |              |
|     |          | 62                   |              | _                                     | ┢  | -  |  |              |              | $\dashv$     | _            |
| ŀ   |          | 62<br>63             | -            | <del> </del>                          | ├  | $\vdash$   | -  |              | $\dashv$     |              | $\dashv$     |
| -   |          | 03                   | <b> </b>     |                                       | -  | <del> </del>                                     | $\vdash$   |              |              |              |              |
|     |          | 64                   |              | <u> </u>                              | ├  |  |  |              | $\dashv$     |              |              |
| -   |          | 65                   | _            |                                       | <u> </u>   | ļ  |  |              |              |              | _            |
|     |          | 66                   |              |                                       | <u> </u>   | <u> </u>   | Ļ  |              | _            |              |              |
|     |          | 67                   |              |                                       | <u> </u>   | 匚  | <u> </u>   | L            |              |              |              |
|     |          | 68                   |              |                                       |  | <u>L</u> .                                       |  |              |              |              |              |
| Ī   |          | 69                   |              |                                       |  | ļ  |  |              |              |              |              |
| 1   |          | 70                   |              |                                       |  |  |  |              |              |              |              |
| Ì   |          | 71                   |              |                                       |  |  |  |              |              |              |              |
| t   |          | 72                   |              |                                       | Г  |  |  |              |              |              |              |
| Ì   |          | 73                   |              |                                       | 1  |  | $\top$   |              |              |              |              |
| ł   |          | 73<br>74<br>75<br>76 | $\vdash$     |                                       | <del>                                     </del> | <del>                                     </del> |  |              |              |              |              |
| ł   |          | 75                   | <del> </del> |                                       | 1-   | $\vdash$   | $\vdash$   |              |              |              |              |
| ŀ   |          | 76                   |              | +                                     | $\vdash$   | +  | ╁  |              |              |              |              |
| ŀ   |          | 77                   | $\vdash$     |                                       | ┢  | $\vdash$   | -  |              |              |              |              |
| ŀ   |          | 78                   |              | -                                     | ╁  | +  | $\vdash$   | <del> </del> |              |              |              |
| ł   |          | 79                   | <del> </del> | ╂                                     | ╁  | -  | $\vdash$   |              |              |              |              |
| ŀ   |          |                      | ├ -          | ╁                                     | -  | ╁  | ╁  | $\vdash$     |              |              |              |
| -   |          | 80                   | ├—           | ⊢                                     | ┼  | ┈  | <del>├</del>                                     |              | _            |              | _            |
| ŀ   |          | 81                   |              | $\vdash$                              |  | $\vdash$   | ╁  | -            |              |              |              |
| ļ   |          | 82                   | ļ            |                                       | _  | $\vdash$   | -  | -            |              |              | _            |
| ٠   |          | 83                   | <u> </u>     | ـــــــــــــــــــــــــــــــــــــ | <u> </u>   | _  | <u> </u>   | -            | _            |              |              |
| -   |          | 84                   | <u> </u>     | $ldsymbol{oxed}$                      | -  | _  | ـــــ  | ļ            | <u> </u>     | ļ            |              |
|     |          | 85                   | <u> </u>     | ļ                                     |  | ļ  | $\perp$  | ļ            |              |              |              |
|     |          | 86                   | <u>L</u> _   |                                       |  | <u> </u>   | _  |              |              | <u> </u>     |              |
|     |          | 87                   | <u> </u>     | L.                                    |  |  |  |              |              | <u> </u>     |              |
| -   |          | 88                   |              |                                       |  |  | <u> </u>   |              |              |              |              |
| 100 |          | 89                   |              |                                       |  |  |  |              |              |              |              |
| 121 |          | 90                   |              |                                       |  | $\Box$   |  |              |              |              |              |
|     |          | 91                   | Τ            |                                       |  |  |  |              |              |              | Ī            |
| : 7 |          | 92                   | 1            |                                       | $\top$   | 1  | T  | 1            |              | <u> </u>     |              |
|     |          | 93                   | T            | 1                                     | +  | †  | <del>                                     </del> | 1            | <b>!</b>     |              |              |
|     |          | 94                   | $t^-$        | +                                     | +  | ╁╴   | $\dagger$  | T            | <del> </del> | <u> </u>     | <u> </u>     |
|     | l        | 95                   | $\vdash$     | +                                     | +  | +  | +  | <del> </del> |              |              |              |
|     |          |                      | +            | -                                     | +  | -  | +-   | $\vdash$     | <del> </del> | 1            | -            |
|     | ļ        | 96                   | <del> </del> | +-                                    | +  | <del> </del>                                     | +  | $\vdash$     |              | 1            | $\vdash$     |
|     | <u> </u> | 97                   | 1            | +-                                    | 1  | +  | +  | <del> </del> | <u> </u>     | <del> </del> | <del> </del> |
|     | ļ        | 98                   | 4            | 1                                     | 1  | 1_   | 4-   | ₩            | ├-           |              |              |
|     |          | 99                   | L            |                                       | $\perp$  | $\perp$  | $\perp$  | 1_           |              | $oxed{oxed}$ | <u> </u>     |

| Claim          |                                 |              |          |                 |  | )ate             | 9  |  |          | }  |
|----------------|---------------------------------|--------------|----------|-----------------|--|------------------|--|--|----------|--|
| Final          | Original                        |              |          |                 |  |                  |  |  |          |  |
| ,              | 101                             |              |          |                 |  |                  |  |  |          |  |
|                | 102                             |              |          | <u> </u>        |  |                  |  |  |          |  |
|                | 103                             |              |          |                 |  |                  |  |  |          |  |
|                | 104                             |              |          |                 |  |                  |  |  |          |  |
|                | 105                             |              |          | <u> </u>        | <u> </u>   |                  |  |  |          |  |
|                | 106                             |              |          | L               |  |                  |  |  |          |  |
|                | 107                             |              |          |                 | <u> </u>   |                  |  |  |          | $\square$  |
|                | 108                             |              |          |                 | ļ  |                  |  |  |          |  |
|                | 109                             |              |          |                 | <u> </u>   |                  |  |  |          |  |
|                | 110                             | _            |          |                 | -  |                  |  |  |          |  |
|                | 111                             | <u> </u>     |          | -               |  | -                |  | _  | <u> </u> |  |
|                | 112                             |              | -        | -               | -  |                  | -  |  |          |  |
|                | 110                             |              |          | ┢               |  |                  |  | <b>-</b>   |          |  |
|                | 111<br>112<br>113<br>114<br>115 |              | -        | $\vdash$        |  | $\vdash$         | <del> </del>                                     | $\vdash$   |          | $\vdash$   |
|                | 116                             | <del> </del> |          | $\vdash$        | $\vdash$   | <del> </del>     | <del>                                     </del> |  | $\vdash$ | $\vdash \vdash$                                  |
|                | 117                             |              |          | 1-              | $\vdash$   | $\vdash$         |  | <u> </u>   |          |  |
|                | 118                             |              |          | $\vdash$        | <del> </del>                                     |                  | i -  | -  |          |  |
|                | 119                             | <u> </u>     |          | † <del></del> - | $\vdash$   | ļ                |  |  |          |  |
|                | 120                             | -            |          | -               | H  |                  | 1  | 1  |          |  |
|                | 121                             |              |          | 1               | <del>                                     </del> |                  |  |  |          |  |
|                | 121<br>122                      |              |          |                 |  |                  | _  |  |          |  |
|                | 123                             |              |          |                 | П  |                  |  |  |          |  |
|                | 123<br>124<br>125               |              |          |                 |  |                  |  |  |          |  |
|                | 125                             |              |          |                 |  |                  |  |  | <u> </u> |  |
|                | 126                             |              | <u> </u> | <u> </u>        | _  | ╙                | ļ  |  |          |  |
|                | 127                             | ļ            | _        | ļ               | L  | <u> </u>         | <u> </u>   | <u> </u>   | <u> </u> |  |
|                | 128                             | <u> </u>     | <u> </u> | ļ               |  |                  | igspace  | ļ  | <u> </u> |  |
|                | 129                             | <u> </u>     | <u> </u> | <u> </u>        | ļ  | igspace          | _  | <u> </u>   | ļ        |  |
|                | 130                             | <u> </u>     | ļ        | ـ               | $\vdash$   | <b> </b>         | —  | -  | ├—       | -  |
|                | 131                             | ┢            | <b> </b> | ├               | ļ  | ┼                | ļ  | ⊢  |          | -  |
|                | 132                             | <del> </del> | <u> </u> | -               | ╂—   | ┼-               | -  | ├  |          |  |
|                | 133                             | ╀            |          | ┼-              | ⊬  | -                | -  | <del>                                     </del> | -        |  |
|                | 134<br>135                      | }            | -        | -               | -  | ╁                | ╁  | 1-   | $\vdash$ |  |
|                | 136                             | -            | ┼        | +               | +  | <del> </del>     | $\vdash$   | $\vdash$   | <u> </u> | $\vdash$   |
|                | 137                             | ┼            | ╁        | +               | ╁╌   | $\vdash$         | ╁╌   | <u> </u>   | -        | <del>                                     </del> |
|                | 138                             | $\vdash$     | -        | +               | ┼─   | +                | <del>  -</del>                                   |  | $\vdash$ | $\vdash$   |
|                | 139                             | +            | $\vdash$ | +-              | +  | $\dagger -$      | ┢  | 1  | T        | <del> </del>                                     |
|                | 140                             | <del> </del> | 1        | +               | ╁  | 1                | †  | 1  | <b>†</b> |  |
|                | 141                             |              | 1        | †               |  |                  | 1  | $\top$   |          |  |
|                | 142                             | $\top$       |          | 1               | 1  | †                |  |  |          | 1  |
|                | 143                             | 1            | †        | 1               | $\top$   | $\top$           |  | 1  |          |  |
| \- <del></del> | 144                             |              | 1        | 1               |  | 1                | Π  |  |          |  |
|                | 145                             |              | Ι        |                 |  | $\mathbf{I}^{-}$ |  |  |          |  |
|                | 146                             |              |          | $\prod$         | $\mathbf{I}^{-}$                                 |                  |  |  |          |  |
|                | 147                             |              |          |                 |  | $\prod$          | $oxed{\mathbb{L}}^{-}$                           |  |          |  |
|                | 148                             |              |          |                 |  |                  |  |  |          |  |
|                | 149                             |              |          |                 |  |                  |  |  |          | ļ  |
|                | 150                             |              |          |                 |  | <u> </u>         |  |  |          | <u></u>  |